

Figure 1

1 mrpsgtagaallallaalcpasraleekkvcqgtsnklq~~lgtfedhflsl~~qrmfnncev
61 vlg~~nleityv~~q~~rnydls~~f~~lkti~~qevag~~yvlia~~ntveriplenlqiirgnmyyensyala
121 vlsnydaNktglkelpmrnlqeilh~~gav~~rfsnnpalcnvesiqwrd~~ivssdf~~lsnmsmdf
181 qnhlgscqkcdpscp**Ng**scwgageencq~~kl~~tkiicaqqcsgrcrgkspsdcc~~hnq~~caagc
241 tgpresdclvcrkfrdeatckdtcpplmlynpttyqmdvnpegkysfgatcvkkcprnyv
301 vtdhgscv~~racg~~adsyemeedgvrkckkce~~gpcr~~kv~~cngigigefkds~~lsi**N**atnikhfk
361 **N**ctsisgd~~lhilp~~vafrgdsfthtppldp~~qeldil~~ktvkeitgf~~l~~liqawpe**N**rt~~dl~~haf
421 enleirgrtkqh~~gqf~~slavvsl**N**itslglrs~~lke~~isdgd~~viis~~gnknlc~~yant~~inw~~kk~~l
481 fgtsgq~~ktk~~iisnrgensckatgqvchalcspegcw~~gpeprdcvscr~~**N**vsrgrecvd~~kc~~n
541 llegeprefv~~ense~~ciqchpeclp~~qam~~**N**itctgrgpdnci~~qca~~hyidgphcvktcpagvm
601 ge**N**ntlvwkyadaghvchlchp**N**ctygctgpglegcptngpkipsiatgmvgalllllv
661 algiglfmrrrhivr~~kr~~tlrrllqerel~~ve~~pltpsgeapnqallrilketefk~~kk~~vlgs
721 gafgtvykg~~lwi~~pegek~~vk~~ipvaikelreatspkankeildeayvmasvdnphv~~cr~~llgi
781 cltstvqlitqlmpfgclldyvrehkd~~nigs~~qyllnwcvqiakgmnyledrrlvhrdlaa
841 rnlvkt~~pqh~~vitdfglakllgaekeyhaeggkvpikwmalesilhriythqsdvwsy
901 gvtvwelmtfgskpydgipaseissilekgerlpqppictidvymimvkcwmidadsrpk
961 freliiefskmardp~~qryl~~viqgdermh~~lps~~tdsnfyralmdeedmddvvdadeylipq
1021 qgffsspstsr~~tpl~~llsslsatsnnstvacidrnglqscpiked~~sfl~~qrys~~sd~~ptgalted
1081 siddtflpvpeyinqsvpk~~rpag~~svqnpvyhnqplnpapsrdphyqdphstavg~~npe~~yl~~n~~
1141 tvqptcvnstfdspahwaqkgshqisldnpdyqqd~~ff~~pkeakpngifkgstaenaeylv
1201 apqssefiga

Figure 2

Amino Acid Sequence Number

126 through 131

126 through 133

411 through 416

411 through 418

467 through 471

467 through 473

Peptide Sequence

daNktg

daNkTglk

peNrtd

peNrTdlh

rNvsr

rNvSrgr

Figure 3a: Screening Result Using EGFR Peptide rNvsr

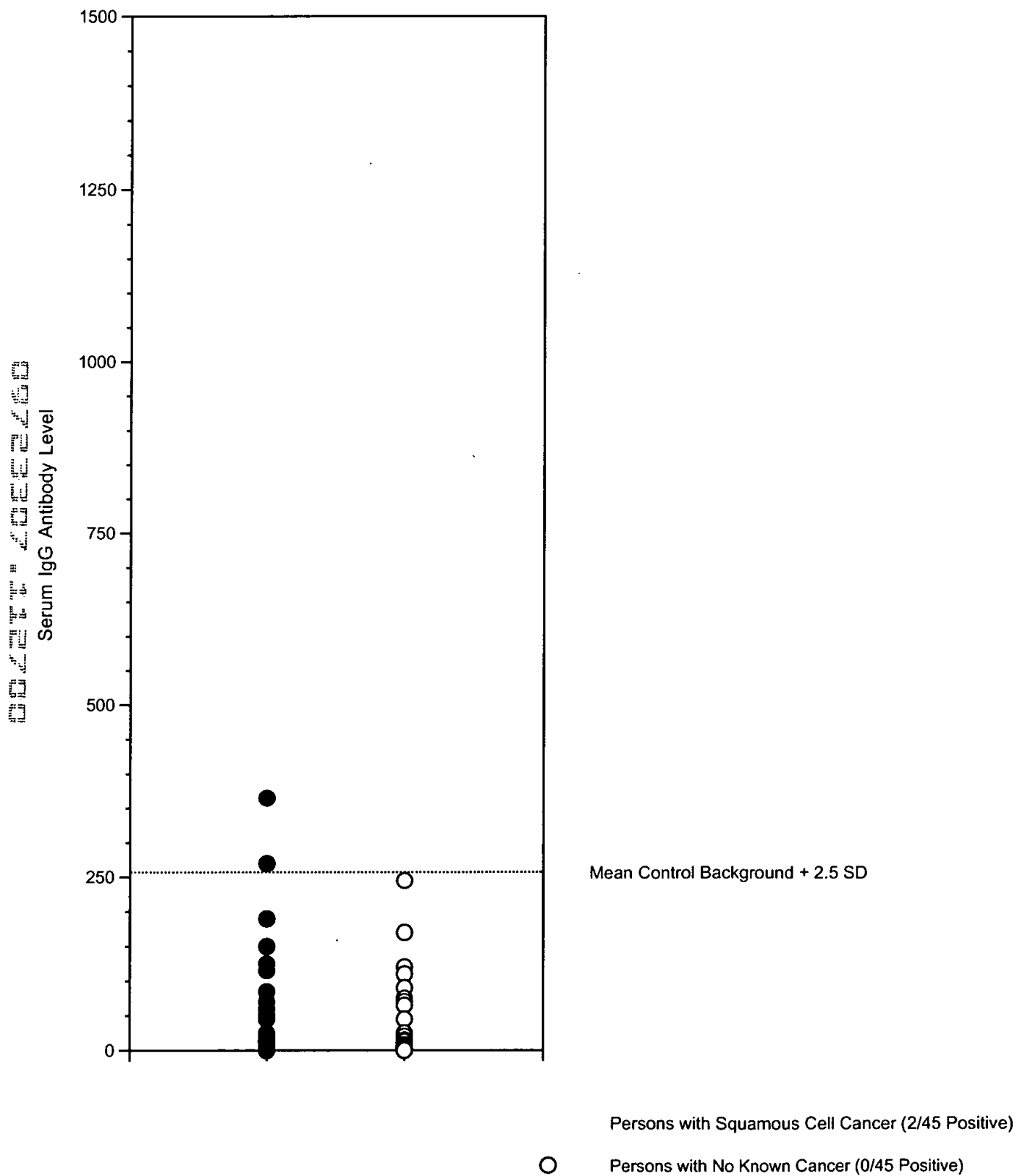


Figure 3b: Screening Result Using EGFR Peptide rNvSrg

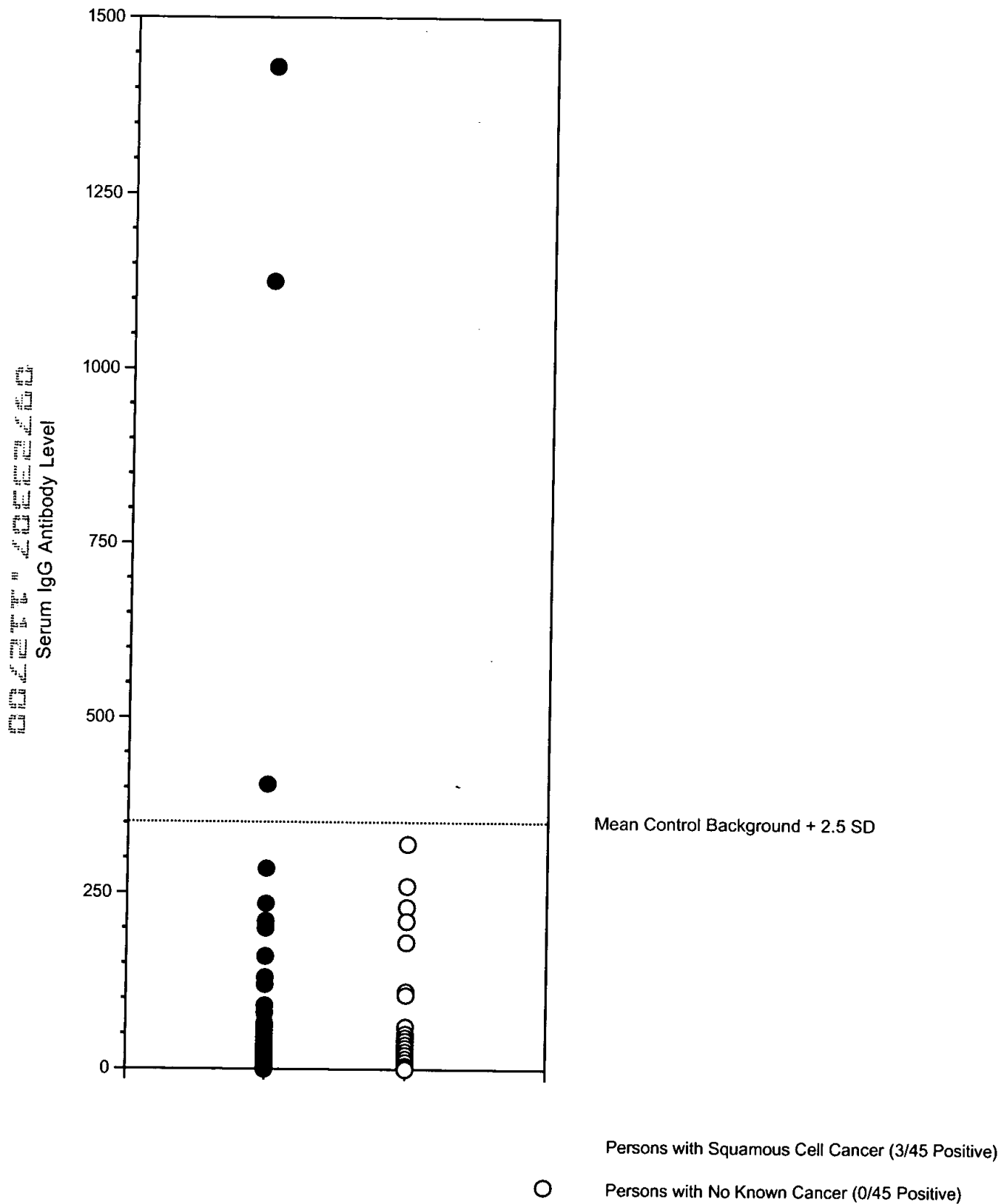


Figure 4: Screening Result Using TROP1 Peptide aemNgSk

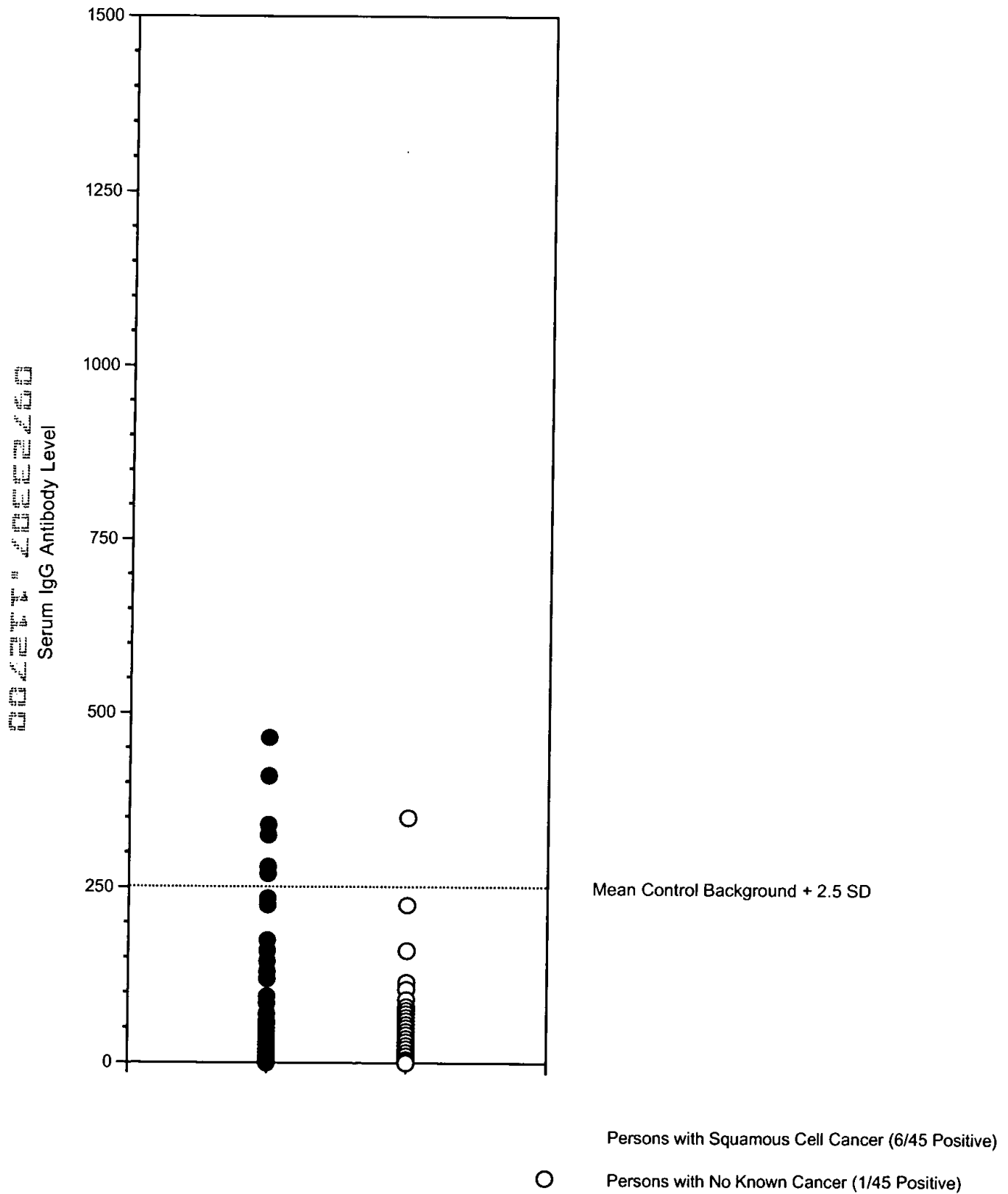


Figure 5: Serum Antibody Levels Obtained with 4 Biotinylated Peptides Used as Test Antigen

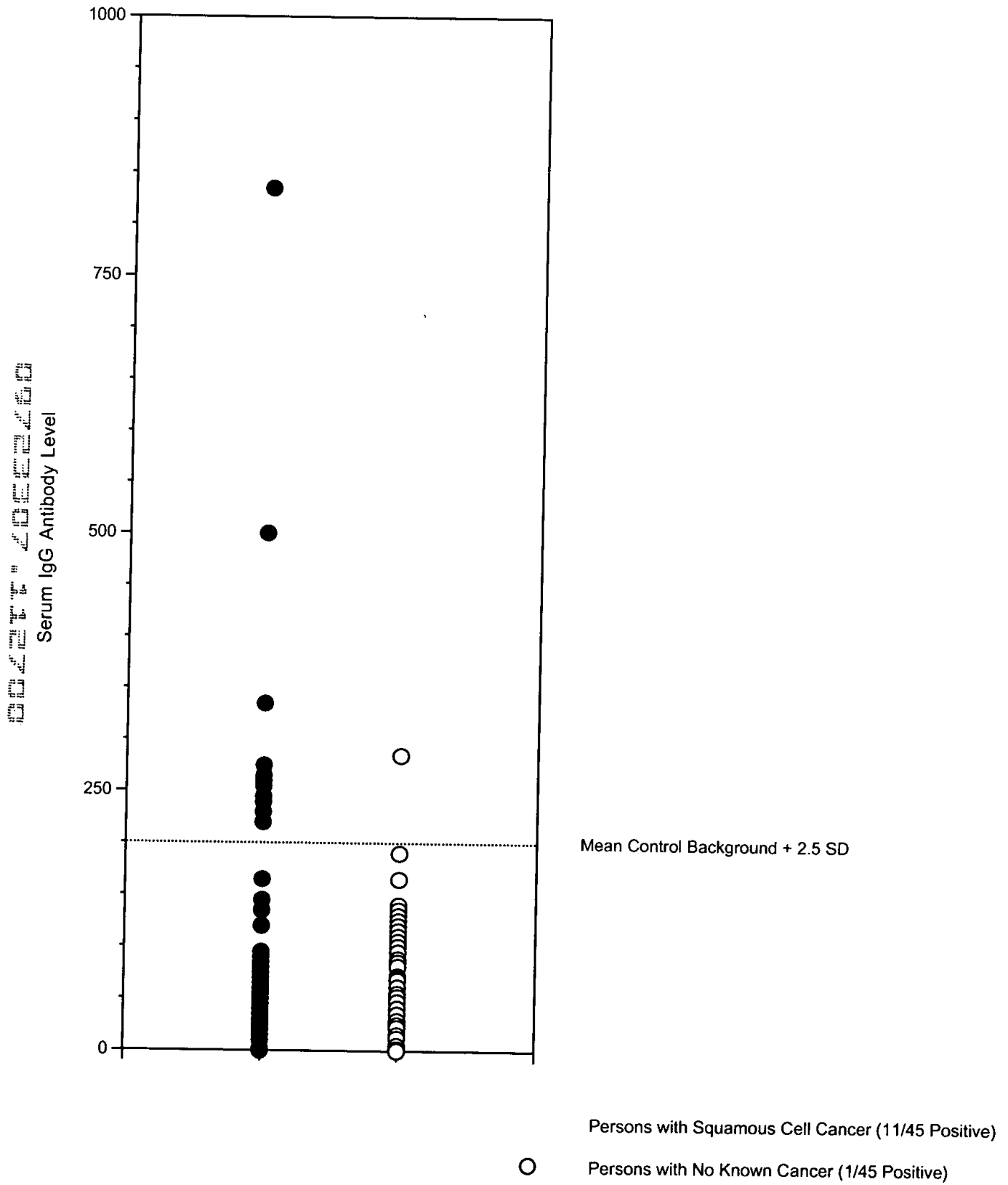
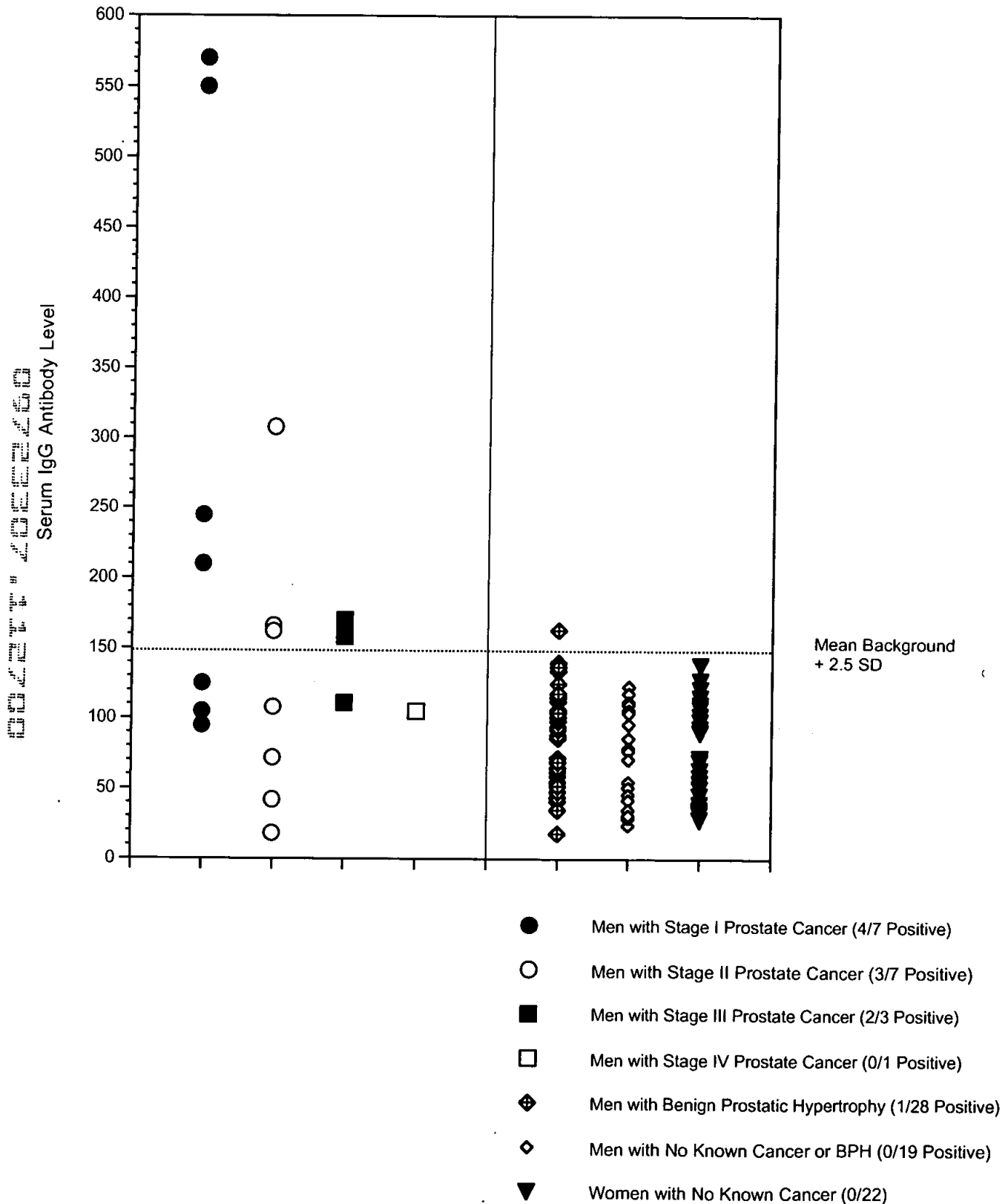


Figure 6: Serum Antibody Levels Obtained with 5 Biotinylated Peptides Used as Test Antigen



004237 2022250

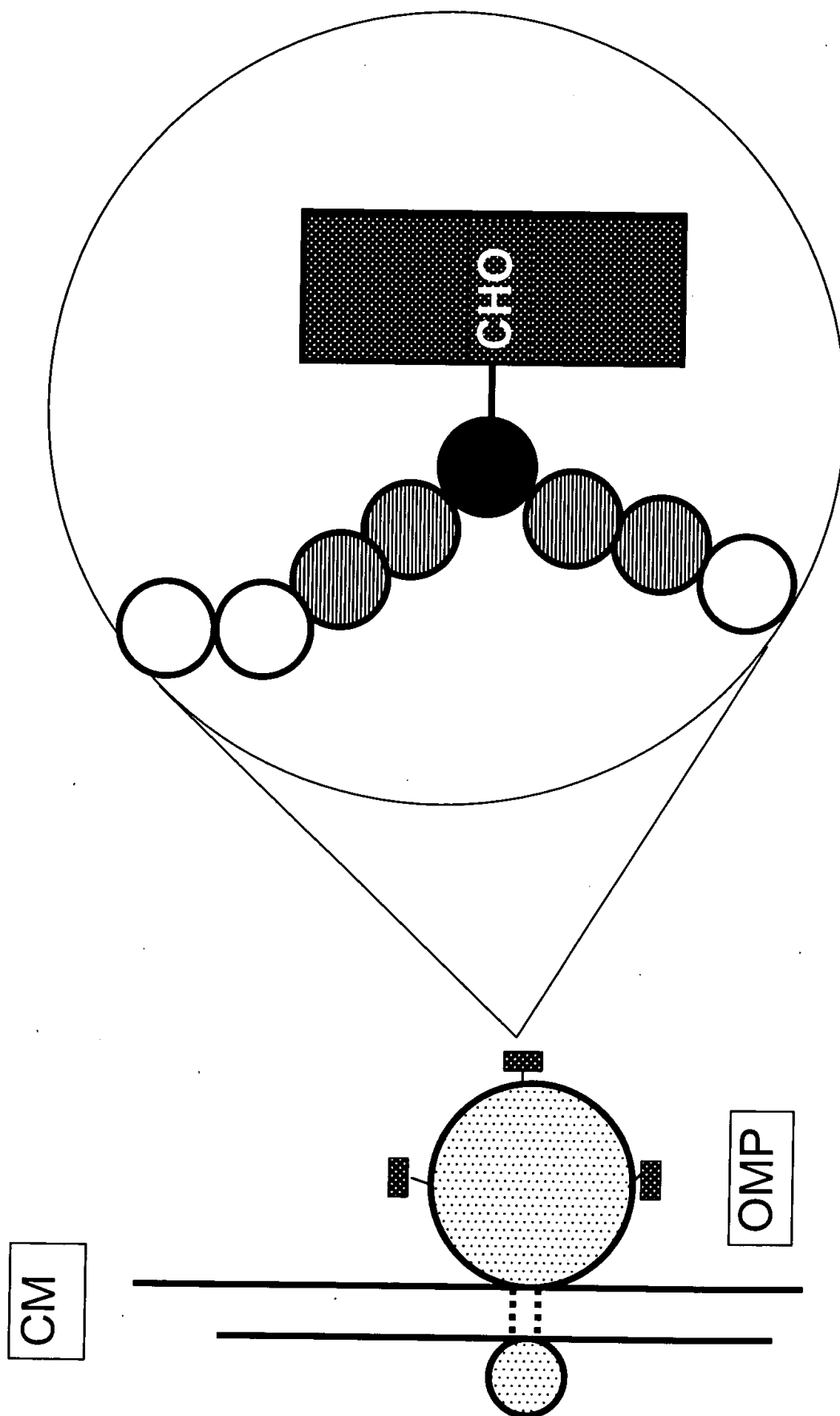


FIG. 7

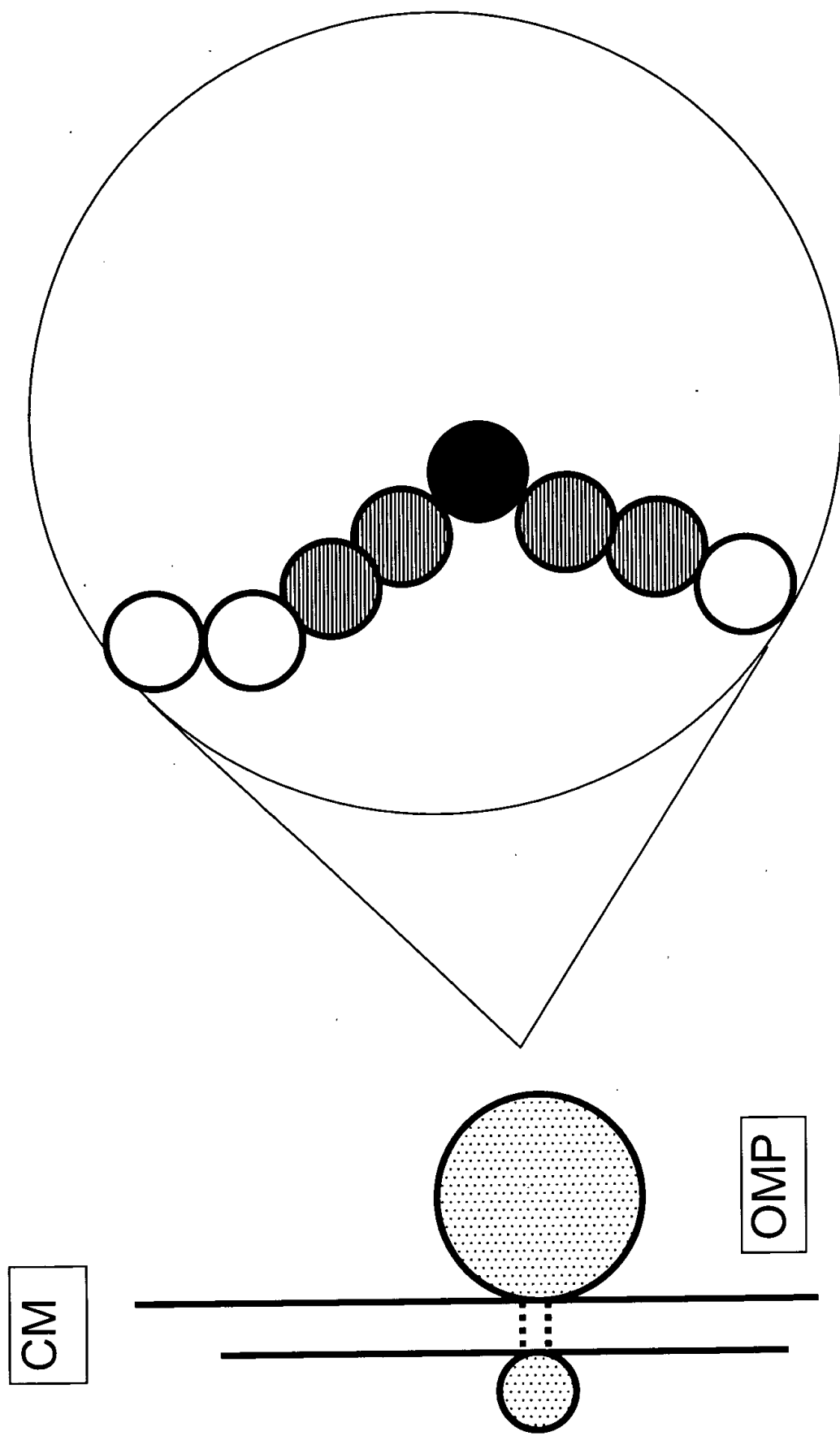


FIG. 8

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CM

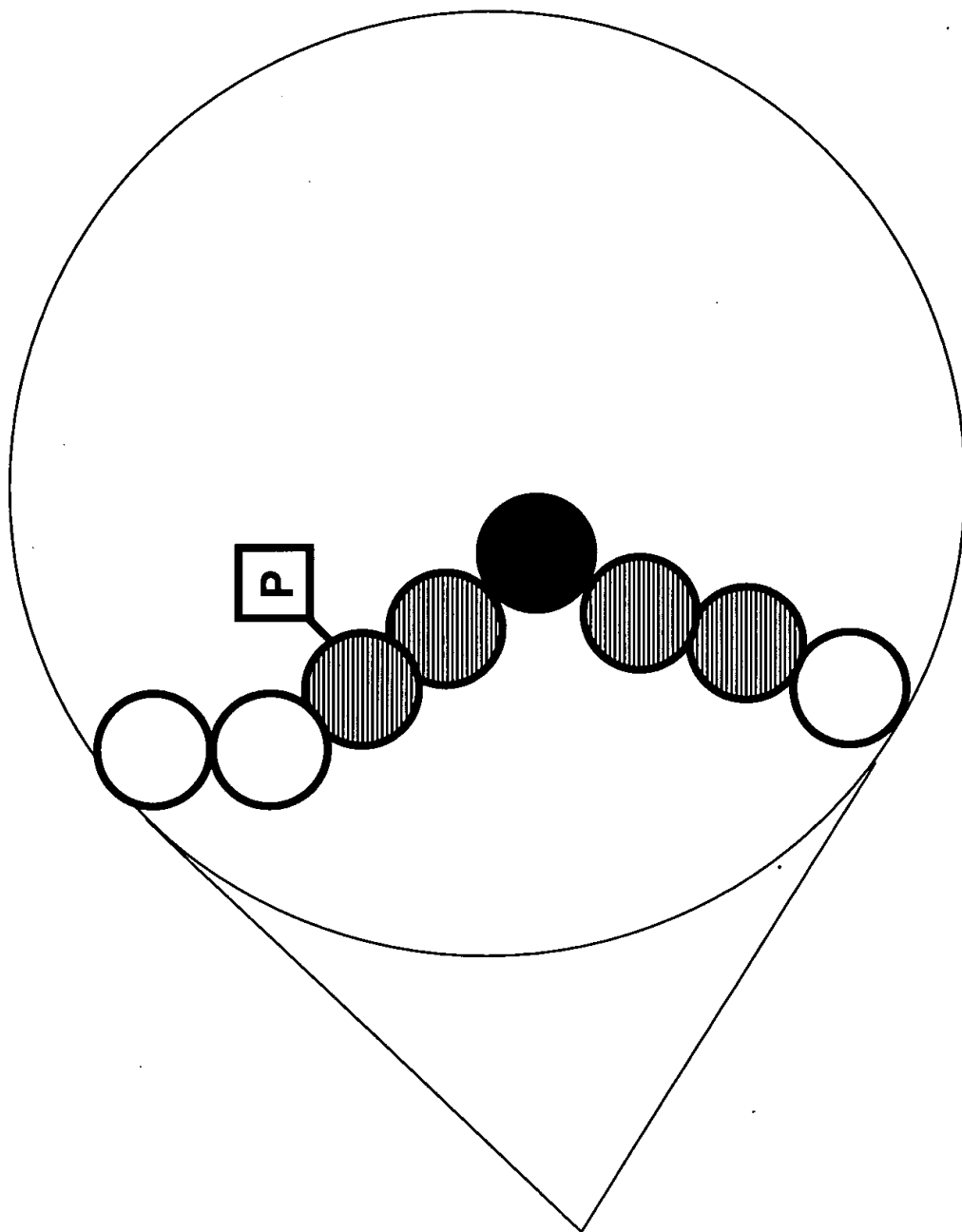
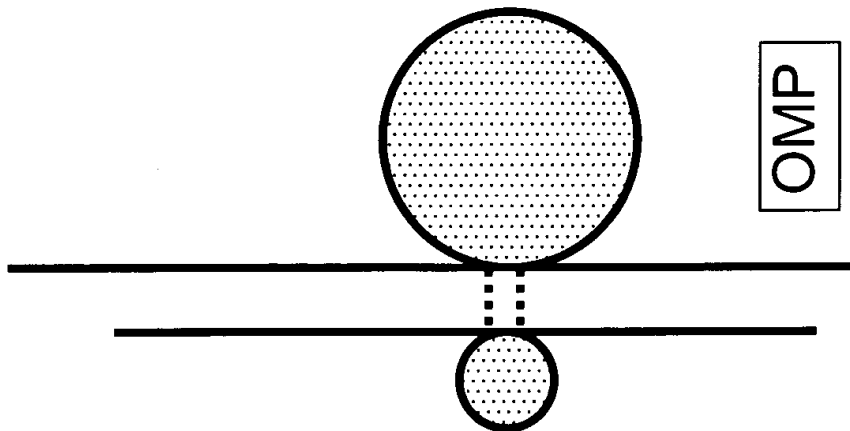


FIG. 9